



282921

I.3
1/14/00**U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION REPORT****I. HEADING**

Date: January 14, 2000

Subject: Emergency Response at Equilon Pipeline Spill, Bedford Park, Cook County, Illinois

From: Stavros Emmanouil, U.S. EPA, Region 5, Federal On-Scene Coordinator

To:

K. Mould, U.S. EPA, OSWER, Washington D.C.	(703)603-9116
W. Carney, Chief, U.S. EPA, ERB, Chicago, IL	(312) 353-9176
B. Bolen, U.S. EPA, ERB, RS 2, Chicago, IL	(312) 353-9176
B. Kush, U.S. EPA, O & P/RS4, Chicago, IL	(312) 353-9176
B. Messenger, U.S. ESS, Chicago, IL	(312) 353-9176
G. Narsete, U.S. EPA, OPA, Chicago, IL	(312) 353-9176
M. Grubbs, U.S.C.G., Chicago, IL	(630) 986-2174
D. Seaholm, MWRDGC, Chicago, IL	(708) 780-6148
J. Clark, IEPA, Maywood, IL	(708) 338-7897
U.S. Coast Guard, District 2	(314) 539-2649
U.S. Fish and Wildlife, IL	(309) 793-5804

Polrep #: #2 - Final - PRP cleanup

II. BACKGROUND

Response Authority: OPA
State Notification: IEPA
FPN#: G99008

NPL Status: Non-NPL
Start Date: 02/11/99
Completion Date: 01/14/2000

III. SITE DESCRIPTION

A. Incident Category: OPA

B. Site Location: 8600 West 71st Street, Bedford Park, Cook County, Illinois

1. **Site description:** See Initial Polrep.
2. **Description of threat:** See Initial Polrep.

C. Preliminary Assessment/ Site Inspection Results: See Initial Polrep.

IV. RESPONSE INFORMATION

A. Situation: Equilon has completed cleanup activities and investigation of the spill event. A remedial action completion report was submitted to U.S. EPA and the state of Illinois. U.S. EPA performed confirmation sampling at the site.

1. **Removal activities to date:** On February 11 through February 18, 1999, site personnel detected a leak in a jet fuel pipeline, stopped the leak, and alerted local authorities.

START collected a soil sample near the spill location. Analytical results indicated the presence of Benzene, Toluene, Ethylbenzene, and Xylenes (BTEXs) and Polynuclear Aromatic Hydrocarbons (PAHs) including naphthalene. Skirted and absorbent booms were placed in the Illinois-Michigan (I-M) Canal downstream of the spill location. Clean Harbors Environmental Services (CH) replaced the absorbent booms and pads as necessary and removed contaminated soils along the bank to complete response activities. Coggins and Fairchild, Environmental Consultants to Equilon, sampled the site soils to determine the extent of contamination of the spilled jet fuel. U.S. EPA and START performed oversight of the site sampling activities.

During March of 1999, an official site removal work plan was developed by Equilon and their contractors and submitted to U.S. EPA and Illinois EPA.

During June of 1999, Equilon reported that Handex Environmental, Inc. (Handex) was employed to complete the investigation of the extent of contamination. In addition to the soil sampling for BTEXs and PAHs completed by Coggins and Fairchild, Handex conducted additional soil sampling for total organic carbon (TOC) in site soils.

During July of 1999, Equilon submitted a copy of the "Illinois Environmental Protection Agency Remedial Action Completion Report with Tier 2 Evaluation" to U.S. EPA. The report includes soil sample analytical results and concludes no further action is warranted at the site under state of Illinois Title 35; Tiered Approach to Corrective Action Objectives guidelines. State of Illinois representative, Jim Clark, reported to U.S. EPA that the site requires no further action. U.S. EPA notified Equilon of the intent to collect clean-up confirmation samples at a later date.

In January of 2000, U.S. EPA and START collected confirmation soil samples at the spill site. Soil samples were analyzed for BTEXs, PAHs, and TOC. Analytical results indicated that no hazardous substances above regulatory limits remained in the site soils.

2. **Current Situation:** Confirmation soil sampling confirmed that the site contains no substances above regulatory limits and no further remedial action is necessary.
3. **Enforcement:** U.S. EPA is the enforcement lead on this incident.

B. **Planned Removal Action:** None.

C. **Next Steps:** None.

D. **Key Issues:** N/A

V. **Estimated Costs (through February 12, 2000):**

	<u>Used</u>	<u>Ceiling</u>
START	\$5,400	\$14,000
U.S. EPA	\$600	\$10,000